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		First Named Inventor	Peled
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		Examiner Name	Maria Gomez Leavitt
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U.S. PATENT DOCUMENTS

Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
		3,715,345	06-06-1973	Smith			
		3,791,932	02-12-1974	Schuurs et al.			
		3,839,153	10-01-1974	Schuurs et al.			
		3,850,578	11-26-1974	McConnell			
		3,850,752	11-26-1974	Schuurs et al.			
		3,853,987	12-10-1974	Dreyer			
		3,863,008	01-28-1975	Grant			
		3,867,517	02-18-1975	Ling			
		3,876,623	08-08-1975	Jackson et al.			
		3,879,262	04-22-1975	Schuurs et al.			
		3,901,654	08-26-1975	Gross			
		3,935,074	01-27-1976	Rubenstein et al.			
		3,984,533	10-05-1976	Uzgiris			
		3,996,345	12-07-1976	Ullman et al.			
		4,034,074	07-05-1977	Miles			
		4,098,876	07-04-1978	Piasio et al.			
		4,666,828	05-19-1987	Gusella			
		4,683,202	07-28-1987	Mullis			
		4,801,531	01-31-1989	Frossard			
		4,806,484	02-21-1989	Petrosian et al.			
		4,879,219	11-07-1989	Wands et al.			
		5,011,771	04-30-1991	Bellet et al.			
		5,081,035	01-14-1992	Halberstadt et al.			
		5,192,659	03-09-1993	Simons			
		5,272,057	12-21-1993	Smulson et al.			
		5,281,521	01-25-1994	Trojanowski et al.			
		5,320,963	06-14-1994	Knaack et al.			
		5,342,781	08-30-1994	Su			
		5,437,994	08-01-1995	Emerson et al.			
		5,612,211	03-18-1997	Wilson et al.			

		5,674,750	07-07-1997	Kraus et al.			
		5,712,154	01-27-1998	Mullon et al.			
		6,303,374	10-16-2001	Zhang et al.			
		6,326,198	12-04-2001	Emerson et al.			
		6,335,195	01-01-2002	Rodgers et al.			
		6,642,019	04-04-2003	Anderson et al.			
		6,645,489	11-11-2003	Pykett et al.			
		6,680,166	01-20-2004	Mullon et al.			
		7,247,477	07-24-2007	Itskovitz-Eldor et al.			
		7,344,881	03-18-2008	Peled et al.			

U.S. PUBLISHED APPLICATION DOCUMENTS

Exam Initial	Cite No.	U.S. Published Application No.	Published Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
		2001/0014475	08-16-2001	Frondoza et al.			
		2002/0001826	01-03-2002	Wager et al.			
		2002/0090603	07-11-2002	Lipton et al.			
		2002/0146678	10-10-2002	Benvenisty			
		2002/0146816	10-10-2002	Vellinger et al.			
		2002/0182728	12-05-2002	Ramiya et al.			
		2003/0002363	02-02-2003	Le et al.			
		2003/0031665	02-13-2003	Dang et al.			
		2003/0125410	03-03-2003	Keita et al.			
		2003/0235909	12-25-2003	Hariri et al.			
		2004/0247574	12-09-2004	Christopherson, II et al.			
		2005/0069527	03-31-2005	Laughlin et al.			
		2005/0084961	04-21-2005	Hedrick et al.			
		2005/0095228	05-05-2005	Fraser et al.			
		2006/0171932	08-03-2006	Hendricks et al.			
		2006/0205071	09-14-2006	Hasson et al.			
		2007/0077652	04-05-2007	Peled et al.			
		2008/0279828	11-13-2008	Peled et al.			

FOREIGN PATENT DOCUMENTS

Exam Initials	Cite No.	Foreign Patent Document Office	Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes	Translation No
		WO	95/14078	Cameron, Robert	05-26-1995		
		WO	95/21911	Goffe, Randal	08-17-1995		
		WO	95/24464	Sandstrom et al.	09-14-1995		
		WO	96/40876	Tucker et al.	12-19-1996		

		WO	97/04707	Aoyama et al.	02-13-1997	Abstract only	
		WO	00/46349	Merchav et al.	08-10-2000		
		WO	00/66712	Oles et al.	11-09-2000		
		WO	00/73421	Hu et al.	12-07-2000		
		WO	02/064755	Hariri, Robert	08-22-2002		
		WO	02/080995	Nevo et al.	10-17-2002		
		WO	03/004626	Zandstra et al.	01-16-2003		
		WO	05/007073	Marikovsky et al.	01-27-2005		
		WO	05/007799	Hasson et al.	01-27-2005		
		WO	06/030442	Peled et al.	03-23-2006		
		WO	07/063545	Peled et al.	06-07-2007		
		WO	08/056368	Peled et al.	05-15-2008		

NON PATENT LITERATURE DOCUMENTS

Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.					
		Aiuti et al. "The Chemokine SDF-1 Is A Chemoattractant for Human CD34+ Hematopoietic Progenitor Cells and Provides A New Mechanism to Explain the Mobilization of CD34+ Progenitors to Peripheral Blood", <i>Journal of Experimental Medicine</i> , 185(1): 111-120, 1997.					
		Anderlini et al. "The Use of Mobilized Peripheral Blood Stem Cells From Normal Donors for Allografting", <i>Stem Cells</i> , 15: 9-17, 1997.					
		Aoki et al. "In Vivo Transfer Efficiency of Antisense Oligonucleotides Into the Myocardium Using HVJ-Liposome Method", <i>Biochemical and Biophysical Research Communications</i> , 231: 540-545, 1997.					
		Arriero et al. "Adult Skeletal Muscle Stem Cells Differentiate Into Endothelial Lineage and Ameliorate Renal Dysfunction After Acute Ischemia", <i>American Journal of Physiology - Renal Physiology</i> , 287: F621-F627, 2004.					
		Asahara et al., "Stem cell therapy and gene transfer for regeneration", <i>Gene Therapy</i> , 7:451-457 (2000)					
		Auger et al. "PDGF-Dependent Tyrosine Phosphorylation Stimulates Production of Novel Polyphosphoinositides in Intact Cells", <i>Cell</i> , 57: 167-175, 1989.					
		Baggiolini "Chemokines and Leukocyte Traffic", <i>Nature</i> , 392: 565-568, 1998.					
		Bhat-Nakshatri, et al., "Tumour necrosis factor and PI3-kinase control oestrogen receptor alpha protein level and its transrepression function", <i>Br. J. Cancer</i> , 90:853-859 (2004).					
		Bieback et al., "Critical Parameters for the Isolation of Mesenchymal Stem Cell from Umbilical Cord Blood", <i>Stem Cells</i> , 22:625-634 (2004).					
		Birkenkamp, et al., "An inhibitor of PI3-K differentially affects proliferation and IL-6 protein secretion in normal and leukemic myeloid cells depending on the stage of differentiation", <i>Exp. Hematol.</i> , 28:1239-1249 (2000).					
		Bohmer et al. "Fetal Cell Isolation From Maternal Blood Cultures by Flow Cytometric Hemoglobin Profiles", <i>Fetal Diagnosis and Therapy</i> , 17(2): 83-89, 2002.					
		Bongers et al. "Kinetics of Dipeptidyl Peptidase IV Proteolysis of Growth Hormone-Releasing Factor and Analogs", <i>Biochimica et Biophysica Acta</i> , 1122: 147-153, 1992.					
		Brott et al. "Flow Cytometric Characterization of Perfused Human Bone Marrow Cultures: Identification of the Major Cell Lineages and Correlation With the CFU-GM Assay", <i>Cytometry Part A</i> , 53A: 22-27, 2003.					
		Broxmeyer "Regulation of Hematopoiesis by Chemokine Family Members", <i>International Journal of</i>					

	Hematology, 74: 9-17, 2001.
	Bryder et al. "Hematopoietic Stem Cells: the paradigmatic tissue-specific stem cell." <i>Am J Pathol.</i> , 169(2):338-46, 2006
	Butt "Introduction to Chemical Reactor Theory", <i>Reaction Kinetics and Reactor Design</i> , Chap.4: 184-241, 1980.
	Chen et al. "Differentiation of Rat Marrow Mesenchymal Stem Cells into Pancreatic Islet Beta-Cells", <i>World Journal of Gastroenterology</i> , 19(20): 3016-3020, 2004.
	Christopherson II et al. "Cell Surface Peptidase CD26/Dipeptidylpeptidase IV Regulates CXCL12/Stromal Cell-Derived Factor-1 α -Mediated Chemotaxis of Human Cord Blood CD34+ Progenitor Cells", <i>The Journal of Immunology</i> , 169: 7000-7008, 2002.
	Christopherson II et al. "Modulation of Hematopoietic Stem Cell Homing and Engraftment by CD26", <i>Science</i> , 305: 1000-1003, 2004.
	Cole et al. "The EBV-Hybridoma Technique and Its Application to Human Lung Cancer", <i>Monoclonal Antibodies and Cancer Therapy</i> , P.77-96, 1985.
	Collins et al. "Stirred Culture of Peripheral and Cord Blood Hematopoietic Cells Offers Advantages over Traditional Static Systems for Clinically Relevant Applications", <i>Biotechnology and Bioengineering</i> , 59(5): 534-543.
	Corda et al. "Functional Aspects of Protein Mono-ADP-Ribosylation", <i>The EMBO Journal</i> , 22(9): 1953-1958, 2003.
	Czauderna, et al., "Functional studies of the PI(3)-kinase signalling pathway employing synthetic and expressed siRNA.", <i>Nuc. Acid Res.</i> , 31(2):670-682 (2003).
	Czyz et al. "Potential of Embryonic and Adult Stem Cell In Vitro", <i>Biological Chemistry</i> , 384: 1391-1409, 2003.
	De La Cruz et al. "Do Protein Motifs Read the Histone Code?", <i>BioEssays</i> , 27.2: 164-175, 2005.
	Donovan et al. "The End of the Beginning for Pluripotent Stem Cells", <i>Nature</i> , 414(6859): 92-97, 2001.
	Dosil et al., "Mitogenic signalling and substrate specificity of the Flk2/Flt3 receptor tyrosine kinase in fibroblasts and interleukin 3-dependent hematopoietic cells", <i>Mo. Cell Biol.</i> , 13(10):6572-6585 (1993). Abstract.
	Ehring et al. "Expansion of HPCs From Cord Blood in A Novel 3D Matrix", <i>Cyotherapy</i> , 5(6): 490-499, 2003.
	Ferrari et al. "Muscle Regeneration by Bone Marrow-Derived Myogenic Progenitors", <i>Science</i> , 279(5356): 1528-1530, 1998. Erratum in: <i>Science</i> , 281(5379): 923, 1998.
	Forraz, et al., "AC133+ umbilical cord blood progenitors demonstrate rapid self-renewal and low apoptosis.", <i>Br. J. Haematol.</i> , 119(2):516-524 (2002).
	Fry, M. J., "Phosphoinositide 3-kinase signalling in breast cancer: how big a role might it play?", <i>Breast Cancer Res.</i> , 3(5):304-312 (2001).
	Gloeckner et al. "New Miniaturized Hollow-Fiber Bioreactor for In Vivo Like Cell Culture, Cell Expansion, and Production of Cell-Derived Products", <i>Biotechnology Progresses</i> , 17: 828-831, 2001.
	Gluckman et al. "Hematopoietic Reconstitution in A Patient With Fanconi's Anemia by Means of Umbilical-Cord Blood From An HLA-Identical Sibling", <i>The New England Journal of Medicine</i> , 321(17): 1174-1178, 1989.
	Haviernik et al., "Tissue inhibitor of matrix metalloproteinase-1 overexpression in M1 myeloblasts impairs IL-6-induced differentiation", <i>Oncogene</i> , , 23(57):9212-9219 (2004). Abstract
	Higashi et al., "Autologous Bone-Marrow Mononuclear Cell Implantation Improves Endothelium-Dependent Vasodilation in Patients With Limb Ischemia", <i>Circulation</i> , 109:1215-1218 (2004)
	Hori et al. "Growth Inhibitors Promote Differentiation of Insulin-Producing Tissue From Embryonic Stem Cells", <i>Proc. Natl. Acad. Sci. USA</i> , 99(25): 16105-16110, 2002.
	Hühn et al. "Molecular Analysis of CD26-Mediated Signal Transduction in T Cells", <i>Immunology</i>

	Letters, 72: 127-132, 2000.
	Imai et al. "Selective Secretion of Chemoattractants for Haemopoietic Progenitor Cells by Bone Marrow Endothelial Cells: A Possible Role in Homing of Haemopoietic Progenitor Cells to Bone Marrow", British Journal of Haematology, 106: 905-911, 1999.
	Imitola et al. "Directed Migration of Neural Stem Cells to Sites of CNS Injury by the Stromal Cell-Derived Factor 1 α /CXC Chemokine Receptor 4 Pathway", Proc. Natl. Acad. Sci. USA, 101(52): 18117-18122, 2004.
	Jelinek et al. "Novel Bioreactors for the Ex Vivo Cultivation of Hematopoietic Cells", English Life Science, 2(1): 15-18, 2002.
	Kähne et al. "Dipeptidyl Peptidase IV: A Cell Surface Peptidase Involved in Regulating T Cell Growth (Review)", International Journal of Molecular Medicine, 4: 3-15, 1999.
	Kern et al., "Comparative Analysis of Mesenchymal stem cells from Bone Marrow, Umbilical Cord Blood, or Adipose Tissue", <i>Stem Cells</i> , 24:1294-1301 (2006).
	Kitanaka, et al., "CD38 ligation in human B cell progenitors triggers tyrosine phosphorylation of CD19 and association of CD19 with lyn and phosphatidylinositol 3-kinase.", <i>J. Immunol.</i> , 159(1):184-192 (1997).
	Kobari et al. "CD133+ cell selection is an alternative to CD34+ cell selection for ex vivo expansion of hematopoietic stem cells.", <i>J. Hematother Stem Cell Res.</i> 2001; 10(2):273-81
	Kronenwett et al. "Oligodeoxyribonucleotide Uptake in Primary Human Hematopoietic Cells Is Enhanced by Cationic Lipids and Depends on the Hematopoietic Cell Subset", <i>Blood</i> , 91(3): 852-862, 1998.
	Ku et al. "Committing Embryonic Stem Cells to Early Endocrine Pancreas In Vitro", <i>Stem Cells</i> , 22: 1205-1217, 2004.
	Lambeir et al. "Kinetic Investigation of Chemokine Truncation by CD26/DipeptidylPeptidase IV Reveals A Striking Selectivity Within the Chemokine Family", <i>The Journal of Biological Chemistry</i> , 276(32): 29839-29845, 2001.
	Lavigne et al. "Enhanced Antisense Inhibition of Human Immunodeficiency Virus Type 1 in Cell Cultures by DLS Delivery System", <i>Biochemical and Biophysical Research Communications</i> , 237: 566-571, 1997.
	Lee et al. "Clonal Expansion of Adult Rat Hepatic Stem Cell Lines by Suppression of Asymmetric Cell Kinetics (SACK)", <i>Biotechnology and Bioengineering</i> , 83: 760-771, 2003.
	Lee et al. "Repair of Ischemic Heart Disease With Novel Bone Marrow-Derived Multipotent Stem Cells", <i>Cell Cycle</i> , 4(7): 861-864, 2005.
	Luft " Making Sense Out of Antisense Oligodeoxynucleotide Delivery: Getting There Is Half the Fun". <i>J. Mol. Med.</i> , P.75-76. 1998.
	Lupi et al. "Endogenous ADP-Ribosylation of the G Protein β Subunit Prevents the Inhibition of Type 1 Adenylyl Cyclase", <i>The Journal of Biological Chemistry</i> , 275(13): 9418-9424, 2000.
	Ma, et al., "Inhibition of phosphatidylinositol 3-kinase causes apoptosis in retinoic acid differentiated HL-60 leukemia cells.", <i>Cell Cycle</i> , 3(1):67-70 (2004).
	Matuoka et al. " A Positive Role of Phosphatidylinositol 3-Kinase in Aging Phenotype Expression in Cultured Human Diploid Fibroblasts", <i>Arch. Gerontol. Geriatr.</i> , 36:203-219, 2003.
	McGrath et al. "Embryonic Expression and Function of the Chemokine SDF-1 and Its Receptor, CXCR4", <i>Developmental Biology</i> , 213: 442-456, 1999.
	McNiece et al., "Ex vivo Expansion of Cord Blood Mononuclear Cells on Mesenchymal Stem Cells", <i>Cytotherapy</i> , 6(4):311-317 (2004)
	Meissner et al. "Development of A Fixed Bed Bioreactor for the Expansion of Human Hematopoietic Progenitor Cells", <i>Cytotechnology</i> , 30: 227-234, 1999.
	Merck & Co. "The Merck Index, An Encyclopedia of Chemicals, Drugs and Biologicals", 10th Ed.(3742): 549, 1983.

	Miraglia et al. "A Novel Five-Transmembrane Hematopoietic Stem Cell Antigen: Isolation, Characterization, and Molecular Cloning", <i>Blood</i> , 90(12): 5013-5021, 1997.
	Mood, et al., "Contribution of JNK, Mek, Mos and PI-3K signaling to GVBD in Xenopus oocytes.", <i>Cell. Signalling</i> , 16:631-642 (2004).
	Mulloy et al. "Maintaining the self-renewal and differentiation potential of human CD34+ hematopoietic cells using a single genetic element." <i>Blood</i> , 102(13):4369-76, 2003.
	Murry et al., "Haematopoietic Stem Cells Do Not Transdifferentiate Into Cardiac Myocytes in Myocardial Infarcts", <i>Nature</i> , 428:664-668 (2004)
	Nagaya et al. "Intravenous Administration of Mesenchymal Stem Cells Improves Cardiac Functions in Rats With Acute Myocardial Infarction Through Angiogenesis and Myogenesis", <i>American Journal of Physiology - Heart Circulation Physiology</i> , 287: H2670-H2676, 2004.
	Ohishi et al. "Delta-1 Enhances Marrow and Thymus Repopulating Ability of Human CD34+CD38- Cord Blood Cells", <i>The Journal of Clinical Investigation</i> , 110(8): 1165-1174, 2002.
	Okuno et al. "Differential regulation of the human and murine CD34 genes in hematopoietic stem cells." <i>Proc Natl Acad Sci U S A</i> , 99(9):6246-51, 2002.
	Orlic et al. "Transplanted Adult Bone Marrow Cells Repair Myocardial Infarcts in Mice", <i>Annals of the New York Academy of Sciences</i> , 938: 221-230, 2001. Abstract.
	Park, et al., "Phosphatidylinositol 3-kinase regulates PMA-induced differentiation and superoxide production in HL-60 cells.", <i>Immunopharmacol. Immunotoxicol.</i> , 24(2):211-226 (2002).
	Pei et al. "Bioreactors Mediate the Effectiveness of Tissue Engineering Scaffolds", <i>The FASEB Journal</i> , 16: 1691-1694, 2002.
	Peled et al., "Chelatable Cellular Copper Modulates Differentiation and Self-Renewal of Cord Blood-Derived Hematopoietic Progenitor Cells", <i>Exp Hematol</i> , 33:1092-1100 (2005)
	Peled et al. "Dependence of Human Stem Cell Engraftment and Repopulation of NOD/SCID Mice on CXCR4", <i>Science</i> , 283: 845-848, 1999.
	Peled et al. "Copper chelators enable long term CFU and CD34+ cells expansions in cultures initiated with the entire mononuclear cell (MNC) fraction.", <i>Blood</i> , 100 (11), 2002. Abstract # 4076.
	Pera MF. 2001. Human pluripotent stem cells: a progress report. <i>Curr Opin Gen Devel</i> 11:595-599.
	Petzer et al., "Self-Renewal of Primitive Human Hematopoietic Cells (Long-Term-Culture-Initiating Cells) <i>in vitro</i> and Their Expansion in Defined Medium", <i>Proc Natl Acad Sci USA</i> , 93:1470-1474 (1996)
	Porter et al. "Graft-Versus-Leukemia Effect of Allogeneic Bone Marrow Transplantation and Donor Mononuclear Cell Infusions", <i>Cancer Treatment & Research</i> , 77: 57-85, 1997. Abstract.
	Prockop et al. "Isolation and Characterization of Rapidly Self-Renewing Stem Cells From Cultures of Human Marrow Stromal Cells", <i>Cytotherapy</i> , 3(5): 393-396, 2001.
	Purton et al. "All-Trans Retinoic Acid Facilitates Oncoretrovirus-Mediated Transduction of Hematopoietic Repopulating Stem Cells", <i>J. Hematother. Stem Cell Res.</i> , 10(8): 815-825, 2001. Abstract.
	Rajur et al. "Covalent Protein-Oligonucleotide Conjugates for Efficient Delivery of Antisense Molecules", <i>Bioconjugate Chemistry</i> , 8(6): 935-940, 1997.
	Ratajczak MZ et al., "Hunt for pluripotent stem cell -- regenerative medicine search for almighty cell.", <i>J Autoimmun</i> 30: 151-162, 2008.
	Reya, T., "Regulation of Hematopoietic Stem Cell Self-Renewal", <i>Rec Prog Horm Res</i> , 58:283-295 (2003)
	Reyes et al. "Origin of Endothelial Progenitors in Human Postnatal Bone Marrow", <i>Journal of Clinical Investigation</i> , 109: 337-346, 2002.
	Roach et al. "Methods for the Isolation and Maintenance of Murine Embryonic Stem Cells", <i>Methods in Molecular Biology - Embryonic Stem Cells: Methods and Protocols</i> , 185: 1-16, 2002.
	Roberts. "Mesenchymal Stem Cells", <i>Vox Sanguinis</i> , 87(Suppl. 2): s38-s41, 2004.
	Robinson et al., "Superior Ex vivo Cord Blood Expansion Following Co-Culture With Bone Marrow-

	Derived Mesenchymal Stem Cells", <i>Bone Marrow Transplant.</i> , 37:359-366 (2006)
	Rubinstein et al. "Processing and Cryopreservation of Placental/Umbilical Cord Blood for Unrelated Bone Marrow Reconstitution", <i>Proc. Natl. Acad. Sci. USA</i> , 92: 10119-10122, 1995.
	Ryu et al. "Adenosine Triphosphate Induces Proliferation of Human Neural Stem Cells: Role of Calcium and P70 Ribosomal Protein S6 Kinase", <i>Journal of Neuroscience Research</i> , 72: 352-362, 2003.
	Santoro et al. "A General Purpose RNA-Cleaving DNA Enzyme", <i>Proc. Natl. Acad. Sci. USA</i> , 94: 4262-4266, 1997.
	Shioda et al. "Anti-HIV-1 and Chemotactic Activities of Human Stromal Cell-Derived Factor 1 α (SDF-1 α) and SDF-1 β Are Abolished by CD26/Dipeptidyl Peptidase IV-Mediated Cleavage", <i>Proc. Natl. Acad. Sci. USA</i> , 95: 6331-6336, 1998.
	Simmons et al. "Identification of Stromal Cell Precursors in Human Bone Marrow by A Novel Monoclonal Antibody, STRO-1", <i>Blood</i> , 78(1): 55-62, 1991.
	Smith "Embryo-Derived Stem Cells: of Mice and Men", <i>Annual Reviews of Cell and Developmental Biology</i> , 17: 435-462, 2001.
	Smith "The World According to PARP", <i>Trends in Biochemical Sciences</i> , 26(3): 174-179, 2001.
	Struyf et al. "Natural Truncation of RANTES Abolishes Signaling Through the CC Chemokine Receptors CCR1 and CCR3, Impairs Its Chemotactic Potency and Generates A CC Chemokine Inhibitor", <i>European Journal Immunology</i> , 28: 1262-1271, 1998.
	Sylvester et al. "Stem Cells: Review and Update", <i>Archives of Surgery</i> , 139: 93-99, 2004.
	Tateishi-Yuyama et al., "Therapeutic angiogenesis for patients with limb ischaemia by autologous transplantation of bone-marrow cells: a pilot study and a randomised controlled trial", <i>The Lancet</i> , 360:427-435 (2002)
	Tögel et al. "Administered Mesenchymal Stem Cells Protect Against Ischemic Acute Renal Failure Through Differentiation-Independent Mechanisms", <i>American Journal of Physiology - Renal Physiology</i> , 289: F31-F42, 2005.
	Trounson "The Derivation and Potential Use of Human Embryonic Stem Cells", <i>Reproduction, Fertility and Development</i> , 13: 523-532, 2001.
	Tse et al. "Angiogenesis in Ischaemic Myocardium by Intramyocardial Autologous Bone Marrow Mononuclear Cell Implantation", <i>Lancet</i> , 361: 47-49, 2003.
	Turnpenny L et al., "Evaluating human embryonic germ cells: concord and conflict as pluripotent stem cells.", <i>Stem Cells</i> 24: 212-220, 2006.
	Uchida et al. "Direct Isolation of Human Central Nervous System Stem Cells", <i>Proc. Natl. Acad. Sci. USA</i> , 97(26): 14720-14725, 2000.
	Ueda et al. "ADP-Ribosylation", <i>Annual Reviews of Biochemistry</i> , 54: 73-100, 1985.
	Vanham et al. "Decreased Expression of the Memory Marker CD26 on Both CD4+ and CD8+ T Lymphocytes of HIV-Infected Subjects", <i>Journal of Acquired Immune Deficiency Syndromes</i> , 6: 749-757, 1993.
	Virág et al. "The Therapeutic Potential of Poly(ADP-Ribose) Polymerase Inhibitors", <i>Pharmacological Reviews</i> , 54(3): 375-429, 2002.
	Vlahos, et al., "A specific inhibitor of phosphatidylinositol 3-kinase, 2-(4-morpholinyl)-8-phenyl-4H-1-benzopyran-4-one (LY294002).", <i>J. Biol. Chem.</i> , 269(7):5241-5248 (1994).
	Wagers et al., "Little Evidence for Developmental Plasticity of Adult Hematopoietic Stem Cells", <i>Science</i> , 297(5590):2256-2259 (2002). Abstract
	Walton et al. "Prediction of Antisense Oligonucleotide Binding Affinity to A Structured RNA Target", <i>Biotechnology and Bioengineering</i> , 65(1): 1-9, 1999.
	Xia et al. "Surface Fucosylation of Human Cord Blood Cells Augments Binding to P-Selectin and E-Selectin and Enhances Engraftment in Bone Marrow", <i>Blood</i> , 104(10): 3091-3096, 2004.
	Yau et al. "Endogenous Mono-ADP-Ribosylation Mediates Smooth Muscle Cell Proliferation and Migration Via Protein Kinase Induction of C-Fos Expression", <i>European Journal of Biochemistry</i> , 270:

	101-110, 2003.
	Ylä-Herttuala et al., "Gene transfer as a tool to induce therapeutic vascular growth", <i>Nature Medicine</i> , 9(6): 694-701 (2003)
	Yoon et al., "Clonally Expanded Novel Multipotent Stem Cells From Human Bone Marrow Regenerate Myocardium After Myocardial Infarction", <i>J. Clin. Invest.</i> , 115(2):326-338 (2005)
	Zenith "Zenith and US Robotics, A Complete Network Solution for Data Modem Communications Over One-Way Cable Plants", Zenith Network Systems Data Business Unit.

* By the waiver of 37 CFR 1.98(a)(2)(ii) copies of any U.S. Patents or U.S. Published Applications cited above are not submitted.

Examiner Signature		Date Considered	
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